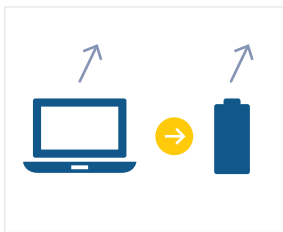


RECYCLING TARGETS FOR WASTE BATTERIES

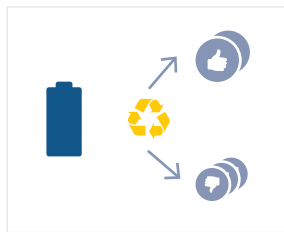
“ The actual Batteries Directive determines the ‘recycling target’ as a percentage by average weight of the collected waste batteries, independent of the economical value of the materials.”

<p>RECYCLING OF</p> <p>65%</p> <p>by average weight of lead-acid batteries and accumulators</p>	<p>RECYCLING OF</p> <p>75%</p> <p>by average weight of nickel-cadmium batteries and accumulators</p>	<p>RECYCLING OF</p> <p>50%</p> <p>by average weight of other waste batteries and accumulators</p>
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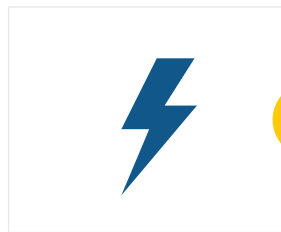
Issues



WEEE growth results in growth of battery volumes.

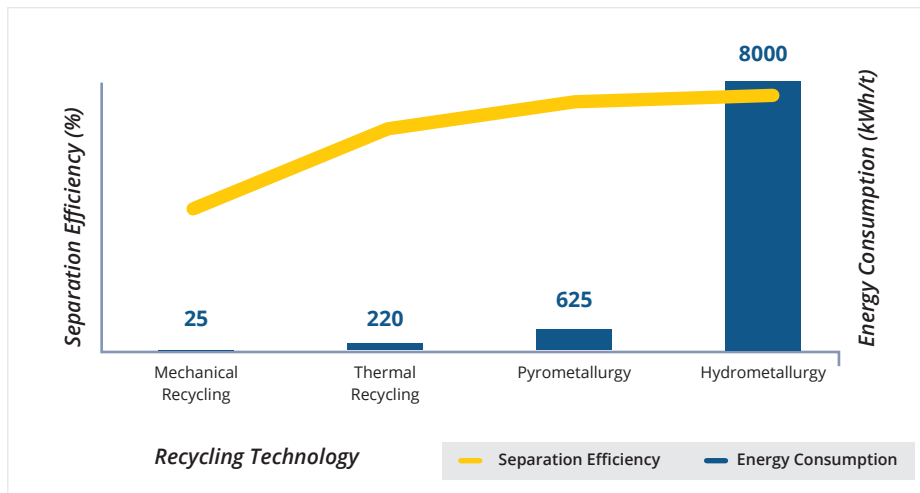


Recycling results in extraction of reusable raw materials from waste, but also implies recovering small quantities of non-marketable materials.



Energy consumption is one of the most significant parameters.

CONSEQUENCE: Processes that allow the recovery of a high number of different materials are very energy intensive leading to high recycling cost.



“ There is an urgent need for processes that balance energy consumption and cost on the one hand with an ecologically worthwhile raw material recovery on the other hand.”

“Eucobat pursues a future-oriented recycling strategy, taking into account the full environmental impact of the recycling process and the economical value of the materials contained in the batteries.”

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